

पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 4 मई 1996

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडरी हस्टेट
तीसरा तल, लांअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश तथा गोंया राज्य क्षेत्र एवं गंध शक्ति क्षेत्र, दमन तथा दीव एवं दादर और नागर हवेली।

तार पता-“पेटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब राजस्थान, उत्तर प्रदेश तथा दिल्ली राज्य क्षेत्रों एवं संघ शक्ति क्षेत्र चण्डीगढ़।

तार पता-“पेटेंटॉफिक”

पेटेंट कार्यालय शाखा,
61, बालाआह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पॉण्डिचेरी राज्य क्षेत्र एवं संघ शक्ति क्षेत्र, लक्षद्वीप मिनिकाय तथा एमिनीदित्र द्वीप।

तार पता-“पेटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
गिजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700020।

भारत का अवशेष क्षेत्र।

तार पता-“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जायेगी अथवा उपयुक्त कार्यालय में निरन्त्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से निरन्त्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है।

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent bracket are the dates Claimed under section 135, of the Patent Act, 1970.

15-12-1995

- 1645/Cal/95. Otsuka Pharmaceutical Co. Ltd., Pharmaceutical composition for regulating apoptosis. (Convention No. 07-002490; on 11-01-95 in Japan).
- 1646/Cal/95. Merck Patent Gesellschaft Mit Beschränkter Haftung. Anti- α V-integrin monoclonal antibody. (Convention No. 94120165.9; filed on 20-12-94. in Europe).
- 1647/Cal/95. Kimberly-Clark Corporation. Improved mutable composition. (Convention No. Nil. Filed on : nil. in U.S.A.).
- 1648/Cal/95. Vyzkumny Ustav Textilnich Stroju Liberec A.S. Method of and device for depositing a textile fibre sliver into a flat sliver can.
- 1649/Cal/95. Siemens Aktiengesellschaft, "Tube segment, in particular flame tube, with a cooled support frame for a heatproof lining."

18-12-1995

- 1650/Cal/95. Prakash Chakraborty, "Acidin liquid medicine."
- 1651/Cal/95. Satinath Sarkar and Chandranath Sarkar. "Creation of a new energy without loss of energy."
- 1652/Cal/95. Daewoo Electronics Co., Ltd. "Method for manufacturing an array of thin film actuated mirrors." (Convention Nos. 94-34973 and 94-34975 Filed on 19-12-94 in South Korea).
- 1653/Cal/95. Daewoo Electronics Co., Ltd. "Head drum assembly for use in a video cassette recorder." (Convention No. 95-6844; Filed on 29-03-95, in South Korea).
- 1654/Cal/95. Daewoo Electronics Co., Ltd. "Runlength coding method and apparatus for use in a video signal encoding system." (Convention No. 94-34887; filed on 19-12-94, in South Korea).
- 1655/Cal/95. Sankyo Seiki Mfg. Co. Ltd., "A compact music box." Convention No. 6-334115 on 17-12-1994 in Japan and Convention No. 7-228803 on 06-09-1995 in Japan).
- 1656/Cal/95. Zinser Textilmaschinen GMBH. "Roving frame with flyers at each work station." (Convention No. 19527341.9; filed on 26-07-95; in Germany).

1657/Cal/95. Samsung Electronics Co. Ltd., "A double locking device of a belt clip." (Convention No. 38085/1994 on 28-12-1994; in Korean).

1658/Cal/95. Mitsui Petrochemical Industries Ltd., "Method for producing aromatic carboxylic acids." (Convention No. 6-322098; filed on 26-12-94; in Japan).

1659/Cal/95. Hunter Fan Company. "Sloped ceiling adaptor."

1660/Cal/95. Ortho Pharmaceutical Corporation. "Soluble 2-chloro-2'-deoxyadenosine formulations." (Convention No. 08-362 083; Filed on 22-12-94; in U.S.A.).

1661/Cal/95. Siemens Aktiengesellschaft and Philips N.V. "Electrical connector having a screen." (Convention No. P 4446098.8; filed on 22-12-94; in Germany).

1662/Cal/95. Connector System Technology N.V. "Method of reducing electrical crosstalk and common mode electromagnetic interference and modular jack for use therein".

1663/Cal/95. Ortho Pharmaceutical Corporation, "Stabel 2-Chloro-2'-Deoxyadenosine formulations". (Convention No. 08/362,106 filed on 21-12-1994; in U.S.A.).

1664/Cal/95. Euro-Celtique, S.A. "Aryl Thioxanthines."

1665/Cal/95. Euro-Celtique, S.A. "Trisubstituted Thioxanthines." (Convention No. 08/476.262 filed on 7-6-95; in U.S.A.).

APPLICATION FOR THE PATENT FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI.

25-09-95

1751/DEL/95. Loureiro Benimeli, Fermin Jaime, Spain. "Method and System for tyre pressure measuring and Adjusting" (Convention date 27th September 1994)—Spain.

1752/DEL/95. Teullar International, Inc., U.S.A. "Self-Diagnostic system for Cellular-Transceiver systems with motereporting Capabilities"

1753/DEL/95. Roht Freres, France. "Process for Bonding by Adhesion of a cover to a shaped padding, in particular of Polyurethane form" (Convention date 6th March, 1995 and 9th June, 1995)—France.

1754/DEL/95. Astra Aktiebolag, Sweden. "Bicyclic Amidine Derivatives useful in Therapy".

1755/DEL/95. Astra Atiebolag, Sweden. "New Peptides with Immunomodulatory Effects" (Convention date 14th October 1994)—Sweden.

1756/DEL/95. USX Engineers and Consultants, Inc., U.S.A. "Gate and Pour Tube Assembly for Use in Throttling Gate Valve".

1757/DEL/95. The Whitaker Corporation, U. S. A. "Electrical Wire Connector" (Convention date 31st October, 1994)—U.S.A.

1758/DEL/95. Photon Energy Inc., U.S.A. "Method and Facility for Photovoltaic Electrical Power Distribution" (Convention date 23rd September 1994)—U.S.A.

1759/DEL/95. Becton, Dickinson and Company, U.S.A. "Method and Apparatus for Adjusting the Length of a combined Spinal epidural Needle"

1760/DEL/95. Antonov Automotive Far East B.V., Netherlands "Mechanical Automatic Transmission Directly Responsive to torque".

26-09-95

1761/DEL/95. Thumswamy Joseph David, Delhi. "Auto-Farm-Land Machine and Process. (for fast production of food Grains).

1762/DEL/95. E. Khashoggi Industries, U.S.A. "Placing Filaments within extruded Hydraulically Settable Compositions" (Convention date 04th October, 1994, 06th October, 1994)—U.S.A.

1763/DEL/95. The Procter & Gamble Company, U.S.A. "Dentifrice compositions" (Convention date 26-09-1994)—U.S.A.

1764/DEL/95. Rohm and Haas Company, U.S.A. "Stabilization of 3-Isotiazolone Solutions".

1765/DEL/95. Interbold, U.S.A. "Envelope Dispenser Door Mechanism for Automated Teller Machine"

1766/DEL/95. Rhone-Poulenc Films, France. "Transparent Components for Electrostatic Photocopying" (Convention date 28th September, 1994)—France.

1767/DEL/95. Exxon Chemical Patents, Inc., U.S.A. "Process for Polymerizing Monomers in Fluidized Beds"

1768/DEL/95. Exxon Chemical Patents, Inc., U.S.A. "Process for Polymerizing Monomers in Fluidized Beds".

27-09-95

1769/DEL/95. LG Electronics Inc., Korea. "Fin for Heat Exchanger"

1770/DEL/95. Aga Aktiebolag, Sweden. "Airbag-Inflating Apparatus"

1771/DEL/95. Motorola, Inc., U.S.A. "Methods and Apparatus for Parameterization of Speech Excitation Waveforms"

1772/DEL/95. Ciba-Geigy AG., Switzerland. "Novel Pesticidal Proteins and Strains" (Convention date 28th September, 1994 and 5th June, 1995)—U.S.A.

1773/DEL/95. Pfizer Research and Development Company, N.V./S.A. Ireland. "New Method of Treatment" (Convention date 12th October, 1994)—U.K.

1774/DEL/95. Motorola, Inc., U.S.A. "Method and Apparatus for Characterization and Reconstruction of Speech Excitation Waveforms".

1775/DEL/95. Motorola, Inc., U.S.A. "Method and Apparatus for Synthesis of Speech Excitation Waveforms".

1776/DEL/95. Bayer Aktiengesellschaft, Germany. "Extraction of Acids and Metal Salts from Aqueous Solutions with Diethyl Dodecylphosphonate" (Convention date 26th October, 1994)—Germany.

28-09-95

1777/DEL/95. Amos Korin, U.S.A. "Replaceable Integrated water filtration and Sterilization Cartridge and Assembly Therefor" (Convention date 15th March, 1995)—U.S.A.

1778/DEL/95. Otis Elevator Company, U.S.A. "Variable Beam Detection"

1779/DEL/95. Tioxide Group Services Limited, England. "Treated Inorganic Solids" (Convention date 14th October, 1994, 5th August, 1995)—U.K.

1780/DEL/95. United Technologies Automotive, Inc., U.S.A. "Connector Latch Interlock Plate".

1781/DEL/95. Alliedsignal Inc., U.S.A. "Illumination system Employing an Array of Multifaceted Microprisms"

1782/DEL/95. The Gillette Company, U.S.A. "Razor Construction" (Convention date 3rd October, 1994)—U.S.A.

1783/DEL/95. Motorola, Inc., U.S.A. "A Method of Making A Channel Exit Decision"

- 1784/DEL/95. The Procter & Gamble Company, U.S.A. "Assembly Process Including Severing Part of Integral Collapsible pump Chamber" (Convention date 6-10-1994)—U.S.
- 1785/DEL/95. The Procter & Gamble Company, U.S.A. Pump Device with Collapsible Pump Chamber and Including Dunnage Means" (Convention date 6-10-1994)—U.S.
- 1786/DEL/95. The Procter & Gamble Company, U.S.A. "Liquid Antacid Compositions" (Convention date 03-10-1994)—U.S.
- 29-9-1995
- 1787/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for infiltration of liquid materials into the pores of discontinuous fibres whiskers/particulates assemblage through application of pressure for manufacture of composites.
- 1788/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for separation of particulates and shots (aspect ratio less or equal to one) from fibres and whiskers (aspect ratio greater than one).
- 1789/Del/95. Council of Scientific and Industrial Research, New Delhi. "An improved process for the kinetic resolution of (\pm)-6-Methoxy- α -Methyl-2-naphthalene acetic acid using a novel enzyme.
- 1790/Del/95. Council of Scientific and Industrial Research, New Delhi. "Production of novel yeast lipase for kinetic resolution of racemic drugs".
- 1791/Del/95. Council of Scientific and Industrial Research, New Delhi. "An improved process for the oxidation of cyclohexane to a mixture of cyclohexanone and cyclohexanol".
- 1792/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for the construction of a recombinant strain of bacillus which produces a thermostable alpha-amylase".
- 1793/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for the isolation of a novel thermophilic strain which produces a thermostable alpha-amylase".
- 1794/Del/95. Council of Scientific and Industrial Research, New Delhi. "A device for the measurement of thoracic gas volume in a person".
- 1795/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for the production of thermostable alpha-amylase by using a novel recombinant strain".
- 1796/Del/95. Council of Scientific and Industrial Research, New Delhi. "An improved process for the preparation of L-dopa from L-tyrosine".
- 1797/Del/95. Council of Scientific and Industrial Research, New Delhi. "A process for the production of synthetic garnite tiles from beach sand garnet".
- 1798/Del/95. Council of Scientific and Industrial Research, New Delhi. "An improved process for preparation of lead magnesium niobate based high permittivity ceramics for multilayer capacitors".
- 1799/Del/95. Med-India, New Delhi. "A preparation for sanitising of water".
- 1800/Del/95. Med-India, New Delhi. "A preparation for sanitising of water".
- 1801/Del/95. Med-India, New Delhi. "A preparation for sanitising of water".
- 1802/Del/95. The Procter & Gamble Company, U.S.A. "Flexible absorbent articles and their fixation to undergarments". (Convention date 7th October, 1994) U.K.
- 1803/Del/95. The Procter & Gamble Company, U.S.A. "Flexible and stretchable absorbent articles and their fixation to undergarments". (Convention date 7th October, 1994) U.K.
- 1804/Del/95. The Procter & Gamble Company, U.S.A. "Disposable cover for an absorbent material". (Convention date 10-10-1994) Australia and (2-5-1995 and 20-7-1995) U.S.A.
- 1805/Del/95. Heart Technology, Inc., U.S.A. "Transluminal thrombectomy apparatus". (Convention date October 3, 1994) U.S.A.
- 1806/Del/95. Alfred L. Weisbrich, U.S.A. "Wind amplified rotor platforms systems". (Convention date 3rd October 1994) U.S.A.
- 1807/Del/95. Mitsui Petrochemical Industries Ltd., Japan. "Olefin polymerization catalyst and process for Olefin polymerization".
- 1808/Del/95. Motorola, Inc. U.S.A. "Frequency synthesizer having modulation deviation correction via presteering".
- 1809/Del/95. Kwang Yang Motor Co., Ltd., China. "Valve clearance automatic regulating device". (Convention date 20th June, 1995) Germany and (3rd July, 1995) Italy.
- 1810/Del/95. P-serv. Technologies Pre Ltd., Singapore. "Wireless and secure control of electrical equipment". (Convention date 17th May, 1995) Singapore.
- 1811/Del/95. Gist-Brocades B.V., Netherlands. "Process of producing B-lactam antibiotics applying micro-organisms with increased ligase activity".
- 1812/Del/95. Voest-Alpine Industrieanlagenbau GMBH, Austria. "Plant and process for the production of pig iron and/or sponge iron".
- 1813/Del/95. Moatti Filtration S.A., France. "Treatment assembly for treating a fluid by filtering and centrifuging". (Convention date 19th October, 1994) France.
- 1814/Del/95. Praxair Technology, Inc., U.S.A. "Structured packing with improved capacity for rectification systems".
- 1815/Del/95. Praxair Technology, Inc., U.S.A. "Side column cryogenic rectification system for producing lower purity oxygen".
- 1816/Del/95. Voest-Alpine Industrieanlagenbau GMBH, Austria. "Process for the production of molten pig iron or molten steel pre-products and sponge iron and a plant for carrying out the process". (Convention date 17th October, 1994, 25th April, 1995 and 25th April, 1995) Austria.
- 1817/Del/95. Cyclone Technologies, Inc., U.S.A. "Cyclone Vortex system and process". (Convention date 23-11-1994 and 5-6-1995) U.S.A.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

रखीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रेम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कमी भी नियन्त्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्याकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

Ind. Cl. : 108 C₃ 176341
Int. Cl.⁴ : C 21 C, 5/56.

A DEVICE FOR THE PRODUCTION OF HIGH QUALITY STEEL AND CAST IRON AND A PROCESS FOR THE PRODUCTION OF HIGH QUALITY STEEL AND IRON USING THE SAID DEVICE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SHILOWBHADRA BANERJEE SUSHIL KUMAR BISWAS, SUBRATA CHATTOPADHYAY, HAWALDAR SINGH AND UPKAR SINGH.

Application No. 907/Del.88 filed on 24-10-88.

Complete specification left on 23-1-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

13 Claims

A device for the production of high quality steel, cast iron from DRI as herein defined which comprises a metallic shell (1) full or partial side and the bottom of the shell being lined by refractory material (2) a slide gate (3) being provided at the bottom of the shell for intermittent tapping of the molten metal, the upper part of the shell being cooled by water by cooling means (4) at least two non-consumable graphite electrodes (6) being provided wherein these electrodes are capable of being moved vertically and horizontally.

Process for the production of high quality steel/cast iron from DRI as herein defined using the apparatus which comprises :

- (a) Melting flouride or non-flouride slag with addition of additives such as carbon, calcium carbide, ferro manganese;
- (b) Placing the said melted slag in the electro slag smelting furnace (ESS) of the said device as claimed in claim 1 at a temperature of 1500 to 1700°C.
- (c) Passing current through the non-consumable graphite electrodes placed inside the refractory/graphite lined electro slag smelting furnace (ESS);
- (d) Adjusting the electrode position and the voltage setting to obtain the required power supply to the ESS furnace;
- (e) Continuously feeding of the DRI of 100—125 mm diameter in the slag bath having temperature in the range of 1500—1700°C at a feeding rate ranging from 100—120 mm per minute.
- (f) Continuously adding additives such as carbon, calcium carbide, ferro silicon, ferro manganese throughout the smelting process into the slag bath, depending upon the oxygen content of DRI.
- (g) Casting of the said slag either by bottom pouring or till pouring in an ingot mould or in a desired shape or size after addition of deoxidizers if required.

(Provision specification 9 pages, drawing sheets two)

Compl. specn. 13 pages

Drgn. 1 sheet

Ind. Cl. : 108 B₁

176342

Int. Cl.⁴ : C 21 B 11/02.

PROCESS AND APPARATUS FOR THE PRODUCTION OF MOLTEN PIG IRON BY MELT-REDUCTION OF IRON ORES OF VARIOUS GRAIN SIZES.

Applicant : VOFST-ALPINE INDUSTRIEANLAGEN-BAU GES. M.B.H., OF 44 TURMETRASSE, A-4020 LINZ, AUSTRIA.

Inventor : WERNER KEPLINGER.

Application for Patent No. 866/Del 89 filed on 26-09-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

8 Claims

A process for the production of molten pig iron by the melt-reduction of iron ore which comprises :

pre-reducing iron ore of various grain sizes, including of fraction (A) consisting of grain sizes having diameters of less than 0.2 mm. by means of reducing gas, completely reducing the pre-reduced material, and melting the completely reduced ore to molten

pig iron, characterised in that the pre-reduced ore fraction (A) is separated by classification by means of said reducing gas from a fraction (B) consisting of larger grain-sizes particles having diameters of 0.2 mm or more, the two fractions (A) and (B) having completely reduced separately and fed to a melter gasifier for melting to the desired molten pig iron.

Compl. specn. 21 pages

Drgns. 3 sheets

Ind. Cl. : 21 B.

176343

Int. Cl.⁴ : A 43 B 23/00.

A DEVICE FOR SUPPORTING A FOOT.

Applicant : COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors : ROB ROY MCGREGOR, KENNETH W. MIS-
EVICH, THOMAS E. MINTEL.

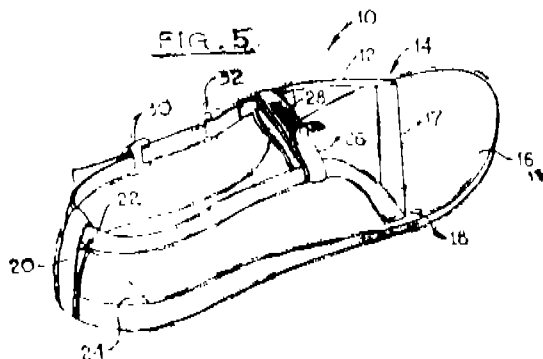
Application for Patent No. 872/Del/89 filed on 29-09-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

15 Claims

A device for supporting a foot and attachment to a shoe so as to provide support to the medial arch of a foot in a longitudinal direction while acting as a supplement to the longitudinal fascia, ligaments and tendons of the foot, said support device comprising :

- a shoe outsole having medial and lateral side portions and a heel portion; and
- a sling strap having a pair of anterior end portions, one anterior end portion being secured adjacent said medial side portion of the outsole and the other anterior end portion being secured adjacent said lateral side portion of the outsole, said sling strap extending around the periphery of said heel portion and having a portion extending along the medial end portion of said sling strap on the medial side portion being anchored to said outsole at a position anterior to the location of the first metatarsal of the foot and with the anterior end portion of said sling strap on the lateral side portion being anchored to said outsole at a position proximate and adjacent a location of the posterior portion of the fifth metatarsal of the foot.



Compl. specn. 14 pages

Drgns. 2 sheets

Ind. Cl. : 59B

176344

Int. Cl.⁴ : A61H 33/00, 39/00

DRAINAGE DEVICE FOR REMOVING FLUIDS FROM BODY CAVITIES OF PATIENTS.

Applicant : PFIZER HOSPITAL PRODUCTS GROUPS, INC., OF 285 EAST 42ND STREET, NEW YORK, STATES OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : QUINTON J. FARRAR, FREDERICK A. EVERETT, RICHARD H. HUMANN.

Application for Patent No. 870/Del/89 filed on 20-09-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

8 Claims

A drainage device for removing fluids such as liquids and gases from the body cavities of patients, said device comprising;

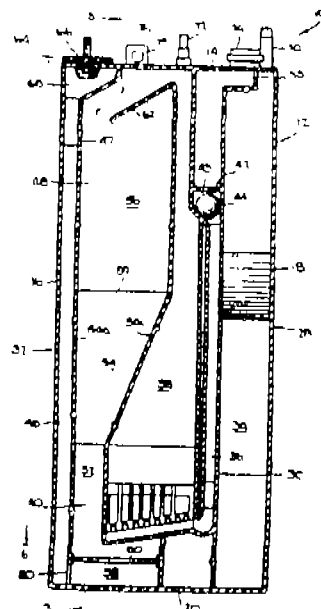
a housing;

at least one inlet in said housing for being connected to a patient for draining fluids from the patient;

at least one outlet in said housing connected to a source of suction;

at least one collection chamber within the housing for receiving the fluids;

a suction control chamber within the housing, to receive a predetermined volume of liquid for regulating the degree of vacuum imposed in the collection chamber, the suction control chamber being in fluid flow communication with the collection chamber, said suction control chamber comprising a minor arm portion, a major arm portion, and a passageway connecting the arm portions and providing fluids flow communication there between with at least a segment of the major arm portion being generally funnel-shaped; and vent means connecting the suction control chamber with the atmosphere.



Complete Specification 22 pages

Drawing 4 Sheets

Ind. Cl. : 99F

176345

claims 12

Int. Cl.⁴ : B65D 1/00, 1/12.**A PREFORM FOR A MONOBASE CONTAINER.**

Applicant : DEVTECH INC., OF 15 COLUMBIA DRIVE, AMBERAT, NEW HAMPSHIRE 03031, UNITED STATES OF AMERICA.

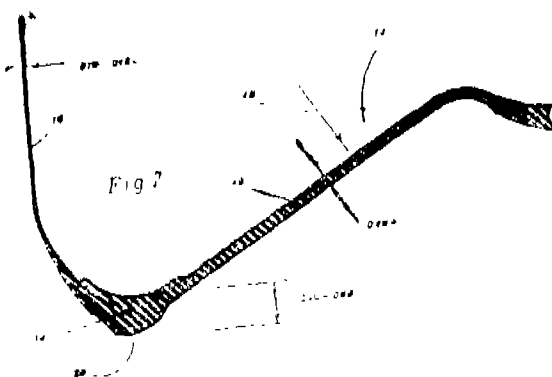
Inventor : MARTIN HARRY BECK.

Application for Patent No. 917/Del/89 filed on 11-10-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

(Claims 10)

A preform for use in a blow molding process for producing a one-piece plastic container by expanding a hollow preform containing material for a neck, sidewall and base of the container in a mold; wherein the preform comprises an open neck to form the neck, a sidewall-forming (52) portion of constant thickness and a base-forming (54) portion of the container wherein the base-forming portion comprises an annular thickened portion (64), an exterior annular concavity remote from the sidewall-forming portion and, on the inner surface thereof, an annular surface at least in part adjacent a discontinuity forming the transition from the side-wall forming portion to the base-forming portion and axially directed to face the open neck, the said annular thickened portion being positioned such that following blowing of the preform the material of the base-forming portion is deposited to form an inward sloping base portion (14) of a thickness sufficient to resist self-deformation and to create a moment arm around a chime (20) tending to unroll and radially stretch the said chime (20), the chime (20) having an integral reinforcing (44) hoop formed therein to prevent unrolling and radial stretching of the chime (20).



(Comp. Specn. 16 Pages)

Drwgn. Sheets 3.)

Ind. Cl. : 83A1

176346

Int. Cl.⁴ : A23G 3/00.**"A PROCESS FOR MAKING A MINERAL SUPPLEMENTED CANDY PRODUCT" HAVING IMPROVED FLAVOR AND MINERAL BIOAVAILABILITY PROPERTIES.**

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202, UNITED STATES OF AMERICA.

Inventor(s) : (1)HORST PAUL WIENECKE

Application for Patent No. 59/Del/91 filed on 22nd January, 1991.

Convention date : 9001621.3/24-01-1990/GB.

Appropriate office for filing opposition proceedings (Rule 4, Patent Rule, 1972) Patent Office Branch, New, Delhi-110 005.

1. A process for making a mineral supplemented candy products having improved flavor and mineral bioavailability properties and which comprise a matrix of confectionery ingredients such as herein described having distributed therein multiple discrete regions of a mineral supplement composition such as herein described together with multiple discrete regions of a hardboiled candy composition such as herein described and wherein the candy composition incorporate a potentiating agent selected from the edible acids and water-soluble salts and mixtures thereof, said process comprising the steps of

(a) forming a rope of the first hardboiled sugar-free candy composition and having a centre-filling of the mineral supplement composition, the temperature of the rope being no more than 65°C in case of sugar-free composition and no more than 90°C in case of sugar-based composition,

(b) accumulating the rope and drawing the accumulated rope through compacting means to form a skein of centre-filled ropes,

(c) folding or repeatedly folding the skein of centre-filled ropes to form a laminated matrix,

(d) optionally enveloping the laminated matrix within a layer of the second hardboiled candy composition, and

(e) forming the laminated and optionally enveloped matrix into the final candy product.

(Comp. Specn. 17 pages)

Drwg. Sheets Nil)

Ind. Cl. : 32 E.

176347

Int. Cl.⁴ : C08F2/00.**A COATING COMPOSITION FOR USE IN PREVENTING POLYMER SCALE FORMATION.**

Applicant : SHIN-ETSU CHEMICAL CO., LTD., A JAPANESE COMPANY, OF 6-1, OHTEMACHI-2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : TOSHIHIDE SHIMIZU, ICHIRO KANEKO, MIKIO WATANABE.

Application for Patent No. 712/Del/89 filed on 9-8-89.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, Delhi-110 005.

(Claims 8)

A coating composition for use in preventing polymer scale formation in polymerization of a monomer having an ethylenically unsaturated double bond, comprising a water-based coating solution containing (A) a water-soluble anionic dye such as herein described and (B) at least one member selected from the group consisting of water-in-soluble cationic dyes such as herein described and water-insoluble nitrogen-containing organic compounds such as herein described in a conventional solvent and having a pH of 7 or less, wherein the total concentration of the components (A) and (B) is in the range of 0.01 to 5% by weight, and the (A)/(B) weight ratio is in the range of 100/0.1 to 100/1,000.

(Complete Specification 35 Pages)

Drawing Sheets Nil—)

Ind. Cl. : 83A(1).

176348

Int. Cl.⁴ : A 23J 1/12.**A PROCESS FOR THE PREPARATION OF A FLOUR COMPOSITION SIMILAR TO BENGAL GRAM FLOUR (BESAN).**

Applicant : GANESH SCIENTIFIC RESEARCH FOUNDATION OF 64-65, NAJAFGARH ROAD, NEW DELHI-110015.

Inventor : HIMADRI KUMAR DAS.

Application for Patent No. 644/Del/91 filed on 18-7-91.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 3)

A process for the preparation of flour composition to bengal gram flour which comprises is grinding edible defatted soya-bean grits to a flour, adding refined wheat or topioca flour thereto in the ratio of 2.5 : 1 to 3.5 : 1.

(Complete Specification 6 Pages Drawing Sheets Nil).

Ind. Cl. : 77E

176349

Int. Cl.⁴ : C11B 5/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF RICE BRAN HAVING OF A RESTRICTED TO 2-3% IN THE OIL PRESENT IN THE SAID BRAN BY INACTIVATION OF LIPOLYTIC ENZYMES PRESENT IN THE RICE BRAN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001.

Inventor : NARAYANAN GOPALAKRISHNAN, POKKATTU PATHROSE THOMAS, ALATHUR DAMODARAN DAMODARAN.

Application for Patent No. 655/Del/91 filed on 19-7-91.

Complete Specification left after Provisional Specification on 25-3-92.

Appropriate Office for filing Opposition Proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 2)

An improved process for the preparation of rice bran having FFA restricted to 2-3% in the oil present in said bran by inactivation of lipolytic enzymes present in the rice bran which comprises adding optionally 5-10% water to the fresh rice bran and mixing thoroughly and exposing to microwave for a period of 3-5 minutes from a 0.5 KWH magnetron or so as to get microwave energy equivalent to 21-25 WH per 100 gm bran.

(Comp. Specn. 10 pages Provn. Specn. 11 Pages Drawing Sheets Nil).

Ind. Cl. : 32 F₂, 55E⁴

176350

Int. Cl.⁴ : C 07D 235/04.

A PROCESS FOR THE PREPARATION OF NOVEL BENZIMIDAZOLE DERIVATIVES AND THERAPEUTICALLY ACCEPTABLE SALTS THEREOF.

Applicant : LABORATORIOS DEL DR. FSTEVE, S.A. OF AV. MARE DE BEU DE MONTERRAT, 221, 08026 BARCELONE, SPAIN.

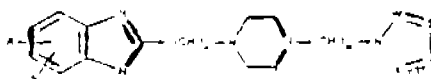
Inventors : MARIA ROSE CUBERS ALTISENT, JORDO FRIGOLA CONSTANSA, JUAM PARES CORUMINAS.

Application for Patent No. 679/Del/91, filed on 26-7-91.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

5 Claims

A process for the preparation of novel benzimidazole derivatives of the general formula I, and their therapeutically acceptable salts



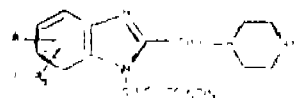
wherein

R_1 and R_2 are equal or different and represent a hydrogen atom, a halogen, a lower alkyl radical, a hydroxy radical, an alkoxy radical, an alkyl carboxylate radical, an aryl or substituted aryl radical,

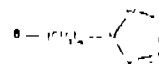
n is an integer having a value of 0 or 1,

m is an integer having a value of 2 to 4.

X, Y, Z and W are equal or different, and even form part of the same ring, aromatic or non-aromatic and represent a nitrogen atom or a carbon atom bonded to a hydrogen atom, to a halogen or to another alkyl, aryl, carboxyalkyl, carboxylic, hydroxyl, alkyhydroxy, sulfonic or alkyl, sulfonic radical said process comprising reacting a compound of the general formula IV



wherein R_1 , R_2 and n are as mentioned above, with a compound of general formula V



where X, Y, Z, W and m are as mentioned above and B represents a halogen atom or a good starting group selected from among tosyloxy or mesyloxy.

(Compl. Specn. 24 pages

Drgn. Nil sheet)

OPPOSITION PROCEEDINGS U/S 25 (1)

An Opposition has been entered by M/s. RESEARCH DESIGNS & STANDARD ORGANISATION to grant of a Patent on Application No. 175827 (625/Cal/92) dated 31st August, 1992 made by ALBERT EDWARD REX AND ROBERT JOHN REX.

An Opposition has been entered by M/s. PANDROL LIMITED to grant of a Patent on Application No. 175827 (625/Cal/92) dated 31st August, 1992 made by ALBERT EDWARD REX AND ROBERT JOHN REX.

RENEWAL FEES PAID

155477 155703 155863 156250 156700 156794 156795 156841
157317 157364 157839 157852 157977 158357 158358 158380
158552 158839 158856 158917 158918 158975 159454 159495
159626 159908 159941 159955 160149 160364 160404 160529
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161644 161793 161795 161918 161980 162010 162106 162130
162152 162307 162373 162613 162848 162969 163054 163387
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167699 167958 168009 168178 168378 168496 168837 168866
168946 169018 169019 169082 169475 169831 170174 170306
170648 170718 170762 170793 170794 170867 170924 170925
170926 171082 171151 171194 171394 171423 171481 171624
171692 171784 171802 171822 171971 171984 172275 172379
172620 172726 172730 172740 172767 172941 172968 172969
173136 173195 173267 173440 173480 173635 174099 174113
174209 174210 174231 174695 174872 174873 174875 174876
174877 174879 174880 174912 174914 174915 174918 174919
174920,

PATENT SEALED ON 04-04-96

173425 175255* 175835 175851 175858* 175861* 175862
175864 175865 175866* 175867 175870 175871 175872
175873 175878 175879 175880 175902 175903.

CAL—15, DEL—02, BOM—03, MAS—NIL

Patent shall be deemed to be endorsed with the words
LICENCE OF RIGHT Under Section 87 of the Patents Act,
1970 from the date of expiration of three years from the date
of sealing.

D—Drug Patents, F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
open to inspection for period of two years from the date of
registration except as provided for in Section 50 of the Design
Act, 1911.

The date shown in the each entries is the date of the
registration included in the entries.

Class 1. No. 170023 & 170024, Hurda Industry Co. Ltd.,
of 4-17-13, Minamiooi, Shinagawa-ku, Tokyo,
Japan, A Japanese Company, "ANTENNA
FOR AUTOMOBILES", 12th October 1995.

Class 1. No. 169597 to 169601, Bombay Safe & Steel Works
(P) Ltd, a private limited company under Indian
company Act of 56, Netaji Subhas Road, Cal-
cutta-700 001, W. Bengal, India, "ALMIRAH",
2nd August 1995.

Class 1. No. 169602 to 169605, Bombay Safe & Steel Works
(P) Ltd, a private limited company under Indian
company Act of 56, Netaji Subhas Road, Cal-
cutta-700 001, W. Bengal, India, "CHAIR",
2nd August 1995.

Class 1. No. 169606, Bombay Safe & Steel Works
(P) Ltd, a private limited company under Indian
company Act of 56, Netaji Subhas Road, Cal-
cutta-700 001, W. Bengal, India, "WALL COF-
FER", 2nd August 1995.

Class 3. No. 169933 & 169934, Rajdeep Plastics, of 17,
Jannadas Industrial Estate, Opp. : Jawahar Tal-
kies, Dr. R. P. Road, Mulund (W), Bombay-
80, Maharashtra, India, an Indian partnership
firm, "A DRUM", 27th September 1995.

Class 3. No. 169443, A T & T IPM Corp., a corpo-
ration incorporated in Florida, U. S. A. of 2333
Ponce de Leon Boulevard, Coral Gables, Florida
33134, U. S. A., "TELEPHONE STAND",
29th June 1995.

Class 3. No. 169451, A T & T IPM Corp., a corpo-
ration incorporated in Florida, U. S. A. of 2333
Ponce de Leon Boulevard, Coral Gables, Florida
33134, U. S. A., "TELEPHONE SET" 29th
June 1995.

Class 3. No. 169444 to 169446 A T & T IPM Corp., a
corporation incorporated in Florida, U. S. A. of
2333 Ponce de Leon Boulevard, Coral Gables,
Florida 33134, U. S. A., "PAGER MODULE",
29th June 1995.

Class 3. No. 170596, Kusum Engineering Works, Regis-
tered partnership firm, of Paras Compound,
Swamy Vivekanand Road, Goregaon (W), Bom-
bay-400104, Maharashtra, India, "SOCKET
PLATE", 17th January 1996.

Class 3. No. 170597, Kusum Engineering Works, Regis-
tered partnership firm, of Paras Compound,
Swamy Vivekanand Road, Goregaon (W), Bom-
bay-400104, Maharashtra, India, "PLUG
COVER", 17th January 1996.

Class 3. No. 170598 to 170601, Kusum Engineering Works,
Registered partnership firm, of Paras Compound,
Swamy Vivekanand Road, Goregaon (W), Bom-
bay-400104, Maharashtra, India, "SOCKET",
17th January 1996.

Class 3. No. 170602 to 170605, Kusum Engineering Works,
Registered partnership firm, of Paras Compound,
Swamy Vivekanand Road, Goregaon (W), Bom-
bay-400104, Maharashtra, India, "PLUG
BODY", 17th January 1996.

Class 3. No. 169588, 169590 to 169594, Deepak Kumar
Khemka & Bharat Khemka, both Indian citizen,
of 75C, Park Street, Calcutta-16, West Bengal,
India, "PENS", 2nd August 1995.

Class 3. No. 169627, Revlon Manufacturing Limited, C/o.
Conyers Dill & Pearman, a corporation orga-
nised and existing under the laws of Bermuda,
of Clarendon House, No. 2 Church Street, West,
POB 666, Hamilton HM 11, Bermuda, "CASE",
4th August 1995.

Class 3. No. 169624, Revlon Manufacturing Limited, C/o.
Conyers Dill & Pearman, a corporation orga-
nised and existing under the laws of Bermuda,
of Clarendon House, No. 2 Church Street, West,
POB 666, Hamilton HM 11, Bermuda, "LIP-
STICK CASE", 4th August 1995.

Class 3. No. 169631, Revlon Manufacturing Limited, C/o.
Conyers Dill & Pearman, a corporation orga-
nised and existing under the laws of Bermuda,
of Clarendon House, No. 2 Church Street, West,
POB 666, Hamilton HM 11, Bermuda, "BOT-
TLE", 4th August 1995.

Class 4. No. 169626, Revlon Manufacturing Limited, C/o.
Conyers Dill & Pearman, a corporation orga-
nised and existing under the laws of Bermuda,
of Clarendon House, No. 2 Church Street, West,
POB 666, Hamilton HM 11, Bermuda, "BOT-
TLE", 4th August 1995.

Class 4. No. 169582, H. & R. Johnson (India) Limited,
a company incorporated under the Indian Comp.
Act, 1956 whose address is Kakad Chambers,
132, Dr. Annie Besant Rd., Worli, Bombay-18,
Maharashtra, India, "TILE", 1st August 1995.

Class 4. No. 169691, H. & R. Johnson (India) Limited,
a company incorporated under the Indian Comp.
Act, 1956 whose address is Kakad Chambers,
132, Dr. Annie Besant Rd., Worli, Bombay-18,
Maharashtra, India, "TILE", 14th August
1995.

Class 4. No. 169711 to 169717, H. & R. Johnson (India)
Limited, a company incorporated under the
Indian Comp. Act, 1956 whose address is Kakad
Chambers, 132, Dr. Annie Besant Rd., Worli,
Bombay-18, Maharashtra, India, "TILE",
21st August 1995.

T. R. SUBRAMANIAN,
Controller General of Patents,
Designs & Trade Marks

पञ्चमस्क, भारत सरकार प्रकाशन, कर्नाटकराव द्वारा प्रकाशित
एवं प्रकाशन निबंधक, दिल्ली द्वारा प्रकाशित, 1996

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1996

